RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/823,142_

Source: _IFWO_

Date Processed by STIC: _11-12-04_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U-S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS
    http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
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Revised 05/17/04

IFWO

RAW SEQUENCE LISTING   DATE: 11/12/2004
PATENT APPLICATION: US/10/823,142   TIME: 11:14:35

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\11122004\J823142.raw

```
 3 <110> APPLICANT: AVENTIS PHARMA SA
 4        GUILLAUME, Jean-Marc
 5        DITTRICH, Werner
 6        PEREZ, Sandrine
 7        ANDREONI, Christine Michelle Pierrette
 8        PAILLOT, Romain
10 <120> TITLE OF INVENTION: METHOD FOR OBTAINING MASTOCYTE LINES FROM PIG TISSUES AND
FOR PRODUCING
11        HEPARIN-TYPE MOLECULES
13 <130> FILE REFERENCE: FRAV2003/0009 US NP
15 <140> CURRENT APPLICATION NUMBER: 10/823,142
16 <141> CURRENT FILING DATE: 2004-04-13
18 <150> PRIOR APPLICATION NUMBER: 60/477,962
19 <151> PRIOR FILING DATE: 2003-06-12
21 <150> PRIOR APPLICATION NUMBER: FR 0304671
22 <151> PRIOR FILING DATE: 2003-04-14
24 <160> NUMBER OF SEQ ID NOS: 34
26 <170> SOFTWARE: PatentIn Ver. 2.1
```

Does Not Comply
Corrected Diskette Needed
(pg.1)

ERRORED SEQUENCES

```
681 <210> SEQ ID NO: 13
682 <211> LENGTH: 18
683 <212> TYPE: DNA
684 <213> ORGANISM: Sus scrofa
686 <400> SEQUENCE: 13
E--> 687 cgnnaccgc cnnatcag                                          18
```

pls explain "N" locations.
See error explanation on page 3.

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/12/2004
PATENT APPLICATION: US/10/823,142 TIME: 11:14:36

Input Set : **A:\pto.lm.txt**
Output Set: **N:\CRF4\11122004\J823142.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 185

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VARIABLE LOCATION SUMMARY   DATE: 11/12/2004
PATENT APPLICATION: US/10/823,142   TIME: 11:14:36

Input Set : **A:\pto.lm.txt**
Output Set: **N:\CRF4\11122004\J823142.raw**

Error Explanation: ✓

<u>Use of n's or Xaa's(NEW RULES):</u>
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is **MANDATORY** if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:1; N Pos. 38,41,3637,3923
Seq#:13; N Pos. 4,13

VERIFICATION SUMMARY   DATE: 11/12/2004
PATENT APPLICATION: US/10/823,142   TIME: 11:14:36

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\11122004\J823142.raw

```
L:55  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3600
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3900
L:687 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:13
```

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